

ABSTRACT OF THE DISCLOSURE

A RAID device changes the redundancy of the RAID configuration, while allows various RAID level conversions and capacity increase. Using new and old RAID configuration definition information which define at least a RAID level and a number of logical devices, the control unit performs RLU mapping based on the respective RAID configuration definition information, and performs staging and write back to change the RAID configuration. Therefore various RAID level conversions and capacity increase can be implemented.